

weight percent, to make 100% of (1) and (2), of a polyalkylenepolyamine having the generic formula



wherein R is an alkylene group containing from 2 to 18 carbon atoms and x has a value of from 1 to 18, in a total amount of said hardening agent to provide between about 0.5 and about 1.5 equivalent amine hydrogen atoms per oxirane group present in said liquid resin composition.

6. The homogeneous resinous composition of claim 5 wherein component (A) has an epoxide equivalent weight of between about 170 and about 1,000 and component (B) has an epoxide equivalent weight of between about 87 and about 1,500.

7. The resinous composition of claim 5 wherein components (A) and (B) have admixed therewith, prior to admixture of said hardening agent therewith, up to about 40 parts by weight of component (C) which is the aliphatic polyhydric compound having more than two hydroxyl groups per molecule.

8. The resinous composition of claim 7 wherein the (C) component is the polyepoxide ether of glycerol-propylene oxide adduct having an average of more than 2 oxirane groups per molecule.

9. The resinous composition of claim 5 wherein said hardening agent consists of about 85 weight percent of monoethanolamine and about 15 percent of diethylenetriamine.

10. The solid transparent elastomeric thermoset resin made by curing the liquid homogeneous resinous composition of claim 5 at a temperature of between about 50° and about 400° F.

11. The thermoset resin of claim 10 wherein the (B) aliphatic polyepoxide ether is polyoxypropylene glycol polyepoxide having an epoxide equivalent weight of from about 200 to about 300.

12. A safety laminar structure for application to the face of a cathode ray tube consisting essentially of a mating transparent solid panel having the general contour of said viewing face in spaced apart substantially parallel position therewith to provide a space therebetween and the resin of claim 5 cured in situ in said space in firmly bonded relationship with said panel and said viewing face.

13. A cathode ray tube comprising an evacuated glass envelope, and phosphor screen for the reproduction of radio wave transmitted pictures, and a viewing face having a transparent panel adhered thereto by the resin of claim 5.

14. A television picture tube which comprises confining walls and a transparent viewing face inclosing picture-reproducing means comprising an electron gun and a phosphor screen, said viewing face being exterior of said phosphor screen and corresponding generally in shape and size thereto, and having an outer portion following the general outline of the perimeter thereof, which joins

said confining walls at an angle having a short radius of curvature, and a transparent panel having the contour of said viewing face positioned in spaced apart, mating relationship therewith to form a substantially uniform space therebetween, extending at least to the periphery of said viewing face including said angle of short radius of curvature and terminating behind the perimeter of said inclosed phosphor screen, and the resin of claim 5 cured in situ in said space, including the portion thereof extending to the periphery of said viewing face beyond the angle of short radius of curvature.

15. The resinous composition of claim 5 wherein said monoalkanolamine is monoethanolamine.

16. The resinous composition of claim 5 wherein said monoalkanolamine is monoisopropanolamine.

17. The resinous composition of claim 5 wherein said monoalkanolamine is monobutanolamine.

18. The resinous composition of claim 5 wherein said polyalkylenepolyamine is diethylenetriamine.

19. The resinous composition of claim 5 wherein said polyalkylenepolyamine is triethylenetetramine.

20. The resinous composition of claim 5 wherein said polyalkylenepolyamine is tetraethylenepentamine.

21. The resinous composition of claim 5 wherein said polyalkylenepolyamine is diisopropylenetriamine.

22. The resinous composition of claim 5 wherein said polyalkylenepolyamine is triisopropylenetetramine.

23. The resinous composition of claim 5 wherein said polyalkylenepolyamine is dibutylenetriamine.

24. The resinous composition of claim 5 wherein said polyalkylenepolyamine is tributylenetetramine.

25. The resinous composition of claim 5 wherein said polyalkylenepolyamine is diethylaminopropylamine.

26. The resinous composition of claim 5 wherein said polyalkylenepolyamine is ethylisopropylaminopropylamine.

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